

[Name of the Document]      Abstract

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[Problem]      Information communication cannot be performed through a system with high-level security installing such as firewall, and it is not  
5 possible to construct an information management system which allows seamless access to information from inside/outside of an intranet.

[Means to Solve the Problem] A system control apparatus 60 is provided to an intranet 30 for managing groupware information and files. A service site 70 is provided to an Internet 10. A file duplication daemon 63c is provided  
10 to each of clients 40 and 41. The file duplication daemon 63c in cooperation with the system control apparatus 60 transfers data of the client 40 to disk resources 50, 61, 71 of the intranet or the Internet as a file. Further, the system control apparatus 60 in cooperation with the service site 70 synchronizes groupware information. Accordingly, seamless access to the  
15 information can be accomplished from both inside and outside of the intranet.

[Selected Figure]      Fig. 1